

Dahye Yoon

List of Publications by Year in descending order

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60
papers

704
citations

516710

16
h-index

677142

22
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all docs

60
docs citations

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times ranked

1262
citing authors

#	ARTICLE	IF	CITATIONS
1	Induction of p53-Independent Apoptosis and G1 Cell Cycle Arrest by Fucoidan in HCT116 Human Colorectal Carcinoma Cells. <i>Marine Drugs</i> , 2017, 15, 154.	4.6	57
2	Cooperative interactions between seed-borne bacterial and air-borne fungal pathogens on rice. <i>Nature Communications</i> , 2018, 9, 31.	12.8	46
3	Differential crosstalk between global DNA methylation and metabolomics associated with cell type specific stress response by pristine and functionalized MWCNT. <i>Biomaterials</i> , 2017, 115, 167-180.	11.4	31
4	Mode of action characterization for adverse effect of propranolol in <i>Daphnia magna</i> based on behavior and physiology monitoring and metabolite profiling. <i>Environmental Pollution</i> , 2018, 233, 99-108.	7.5	26
5	Global metabolomics approach in in vitro and in vivo models reveals hepatic glutathione depletion induced by amorphous silica nanoparticles. <i>Chemico-Biological Interactions</i> , 2018, 293, 100-106.	4.0	25
6	Machilin A Inhibits Tumor Growth and Macrophage M2 Polarization Through the Reduction of Lactic Acid. <i>Cancers</i> , 2019, 11, 963.	3.7	25
7	Discrimination of Basal Cell Carcinoma from Normal Skin Tissue Using High-Resolution Magic Angle Spinning 1H NMR Spectroscopy. <i>PLoS ONE</i> , 2016, 11, e0150328.	2.5	23
8	The Role of High-Resolution Magic Angle Spinning 1H Nuclear Magnetic Resonance Spectroscopy for Predicting the Invasive Component in Patients with Ductal Carcinoma In Situ Diagnosed on Preoperative Biopsy. <i>PLoS ONE</i> , 2016, 11, e0161038.	2.5	23
9	JAK/STAT and TGF- β activation as potential adverse outcome pathway of TiO ₂ NPs phototoxicity in <i>Caenorhabditis elegans</i> . <i>Scientific Reports</i> , 2017, 7, 17833.	3.3	21
10	Metabolomics of Breast Cancer Using High-Resolution Magic Angle Spinning Magnetic Resonance Spectroscopy: Correlations with 18F-FDG Positron Emission Tomography-Computed Tomography, Dynamic Contrast-Enhanced and Diffusion-Weighted Imaging MRI. <i>PLoS ONE</i> , 2016, 11, e0159949.	2.5	21
11	Integrated approach of eco-epigenetics and eco-metabolomics on the stress response of bisphenol-A exposure in the aquatic midge <i>Chironomus riparius</i> . <i>Ecotoxicology and Environmental Safety</i> , 2018, 163, 111-116.	6.0	20
12	Characterization of a thermostable glycoside hydrolase family 36 β -galactosidase from <i>Caldicellulosiruptor bescii</i> . <i>Journal of Bioscience and Bioengineering</i> , 2017, 124, 289-295.	2.2	19
13	Intratumoral Agreement of High-Resolution Magic Angle Spinning Magnetic Resonance Spectroscopic Profiles in the Metabolic Characterization of Breast Cancer. <i>Medicine (United States)</i> , 2016, 95, e3398.	1.0	17
14	¹ H-NMR-based metabolomic studies of bisphenol A in zebrafish (<i>Danio rerio</i>). <i>Journal of Environmental Science and Health - Part B Pesticides, Food Contaminants, and Agricultural Wastes</i> , 2017, 52, 282-289.	1.5	17
15	¹ H NMR Based Metabolomics Studies of the Toxicity of Titanium Dioxide Nanoparticles in Zebrafish (<i>Danio rerio</i>). <i>Bulletin of the Korean Chemical Society</i> , 2018, 39, 33-39.	1.9	17
16	Metabolomics for Age Discrimination of Ginseng Using a Multiplex Approach to HR-MAS NMR Spectroscopy, UPLC-QTOF/MS, and GC-QTOF/MS. <i>Molecules</i> , 2019, 24, 2381.	3.8	17
17	Co-Expression Network Analysis of Spleen Transcriptome in Rock Bream (<i>Oplegnathus fasciatus</i>) Naturally Infected with Rock Bream Iridovirus (RBIV). <i>International Journal of Molecular Sciences</i> , 2020, 21, 1707.	4.1	17
18	Metabolic responses in zebrafish (<i>Danio rerio</i>) exposed to zinc and cadmium by nuclear magnetic resonance -based metabolomics. <i>Chemistry and Ecology</i> , 2016, 32, 136-148.	1.6	16

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37	NMR-Based Metabolomics Approach to Investigate the Effects of Fruits of <i>Acanthopanax sessiliflorus</i> in a High-Fat Diet Induced Mouse Model. <i>Metabolites</i> , 2021, 11, 505.	2.9	6
38	Simultaneous determination of various platycosides in Four <i>Platycodon grandiflorum</i> cultivars by UPLC-QTOF/MS. <i>Applied Biological Chemistry</i> , 2019, 62, .	1.9	6
39	Discrimination of Human Urine from Animal Urine Using ¹ H-NMR. <i>Journal of Analytical Toxicology</i> , 2019, 43, 51-60.	2.8	5
40	Validation of a Quantification Method for Curcumin Derivatives and Their Hepatoprotective Effects on Nonalcoholic Fatty Liver Disease. <i>Current Issues in Molecular Biology</i> , 2022, 44, 409-432.	2.4	5
41	Metabolomics and mitochondrial dysfunction in Alzheimer's disease. <i>Genes and Genomics</i> , 2017, 39, 295-300.	1.4	4
42	Comparison of Antivirulence Activities of Black Ginseng against Methicillin-Resistant <i>Staphylococcus aureus</i> According to the Number of Repeated Steaming and Drying Cycles. <i>Antibiotics</i> , 2021, 10, 617.	3.7	4
43	1D Proton NMR Spectroscopic Determination of Ethanol and Ethyl Glucuronide in Human Urine. <i>Bulletin of the Korean Chemical Society</i> , 2013, 34, 2413-2418.	1.9	4
44	Inhibitory Effects of Thymol Isolated from <i>Curcuma longa</i> L. on Adipogenesis in HepG2 Cells. <i>Processes</i> , 2020, 8, 1191.	2.8	3
45	Serum Metabolic Profiling Reveals Potential Anti-Inflammatory Effects of the Intake of Black Ginseng Extracts in Beagle Dogs. <i>Molecules</i> , 2020, 25, 3759.	3.8	3
46	¹ H-NMR with Multivariate Analysis for Automobile Lubricant Comparison. <i>Journal of Forensic Sciences</i> , 2017, 62, 1033-1036.	1.6	2
47	Mitigating Effects of <i>Liriope platyphylla</i> on Nicotine-Induced Behavioral Sensitization and Quality Control of Compounds. <i>Brain Sciences</i> , 2020, 10, 654.	2.3	2
48	NMR-based metabolomics revealed metabolic changes in energy production for viral replication and immunological response in rock bream (<i>Oplegnathus fasciatus</i>) tissues during rock bream iridovirus (RBIV) infection. <i>Aquaculture</i> , 2022, 547, 737451.	3.5	2
49	The difference of metabolic profile between male and female zebrafish. <i>Journal of the Korean Magnetic Resonance Society</i> , 2016, 20, 13-16.	0.1	2
50	Metabolic profiling and method validation of marker compounds from <i>Saposhnikovia Radix</i> and <i>Peucedani Japonici Radix</i> . <i>Journal of Applied Biological Chemistry</i> , 2020, 63, 393-399.	0.4	2
51	Impact of intratumoral heterogeneity on the metabolic profiling of breast cancer tissue using high-resolution magic angle spinning magnetic resonance spectroscopy. <i>NMR in Biomedicine</i> , 2021, , e4682.	2.8	2
52	Prediction of Indolent Breast Cancer with Favorable Prognostic Factors by Metabolic Profiling Using In Vivo and Ex Vivo MR Metabolomics. <i>Applied Magnetic Resonance</i> , 2016, 47, 159-174.	1.2	1
53	Detection of LINE RT elements in the olive flounder (<i>Paralichthys olivaceus</i>) genome and expression analysis after infection with <i>S. parauberis</i> . <i>Genes and Genomics</i> , 2016, 38, 1105-1110.	1.4	1
54	¹ H-NMR-based Metabolomic Study of <i>Miamiensis avidus</i> Infected Olive Flounder. <i>Bulletin of the Korean Chemical Society</i> , 2017, 38, 550-555.	1.9	1

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55	Serum Metabonomic Research of the Anti-Hypertensive Effects of Ogaja on Spontaneously Hypertensive Rats. <i>Metabolites</i> , 2020, 10, 404.	2.9	1
56	Identification and quantification of major malonyl ginsenosides isolated from <i>Panax ginseng</i> C.A. Meyer. <i>Journal of Applied Biological Chemistry</i> , 2019, 62, 375-384.	0.4	1
57	HR-MAS NMR Technique for Metabolic Profiling of Powdery Ginseng. <i>Journal of the Korean Magnetic Resonance Society</i> , 2016, 20, 82-86.	0.1	1
58	Machine learning for a rapid discrimination of ginseng cultivation age using ¹ H-NMR spectra. <i>Applied Biological Chemistry</i> , 2020, 63, .	1.9	1
59	LC-MS-Based Lipidomic Analysis of Serum Samples from Spontaneously Hypertensive Rats Treated with an Extract of <i>Acanthopanax sessiliflorus</i> Fruits. <i>Molecules</i> , 2020, 25, 3269.	3.8	0
60	Investigation of Germicide and Growth Enhancer Effects on Bean Sprout using NMR-based Metabolomics. <i>Journal of the Korean Magnetic Resonance Society</i> , 2016, 20, 121-128.	0.1	0